

FIG. 1A

FIG. 1A  
FIG. 1B

## Aptamer Selection

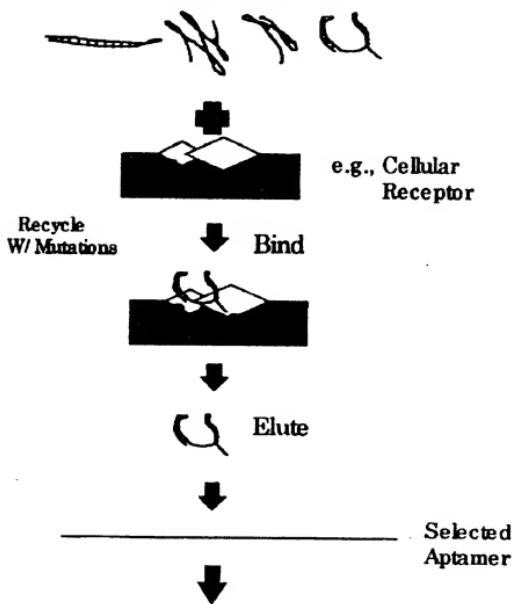
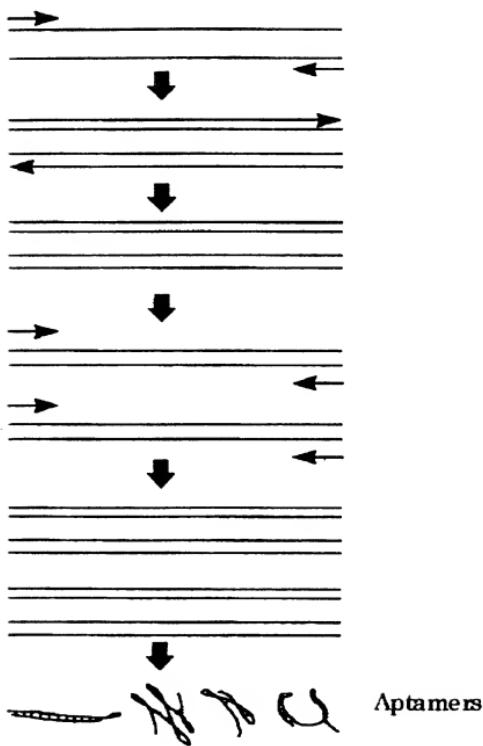


FIG. 1B

## Aptamer Generation



**FIG. 2A**

Morphotide based combinatorial Chemistry: (shown only in 2 dimensions)

**FIG. 2A**  
**FIG. 2B**

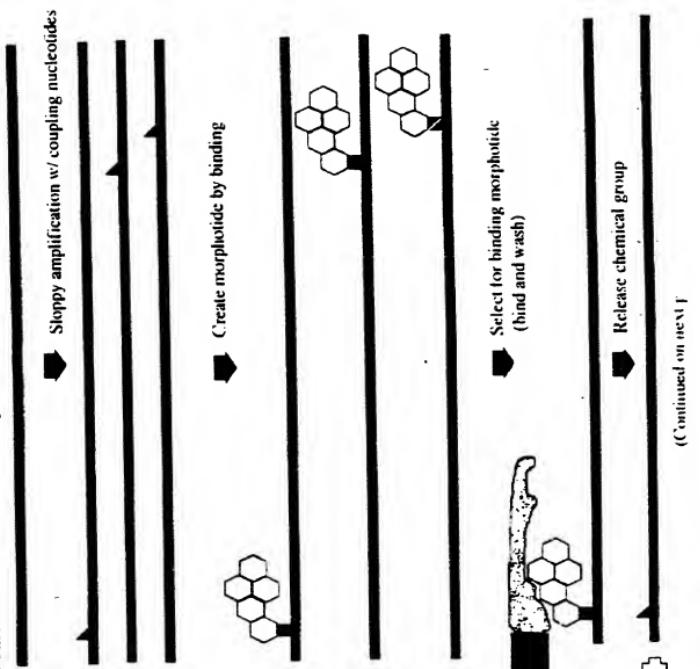


FIG. 2B

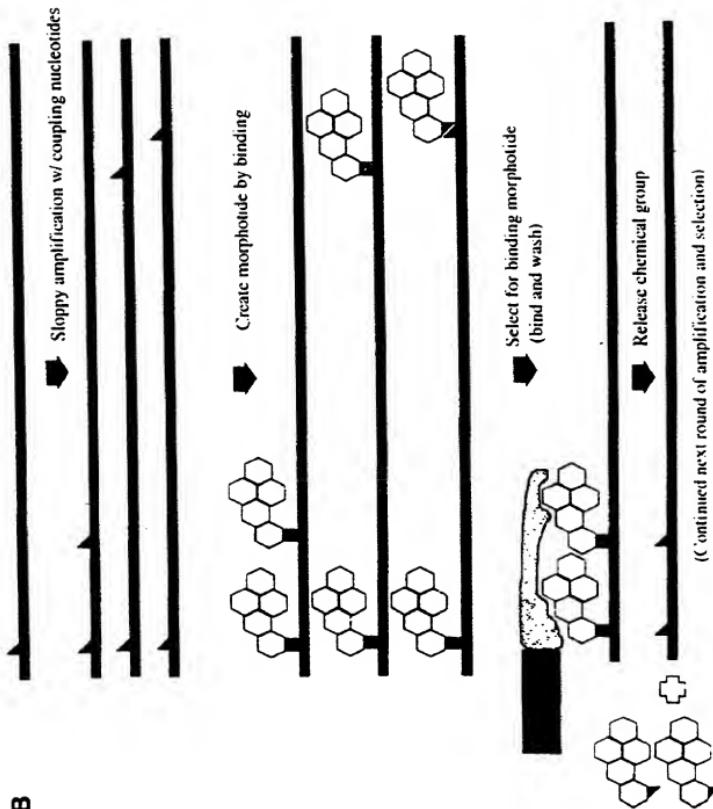


FIG. 3A

FIG. 3A	FIG. 3B
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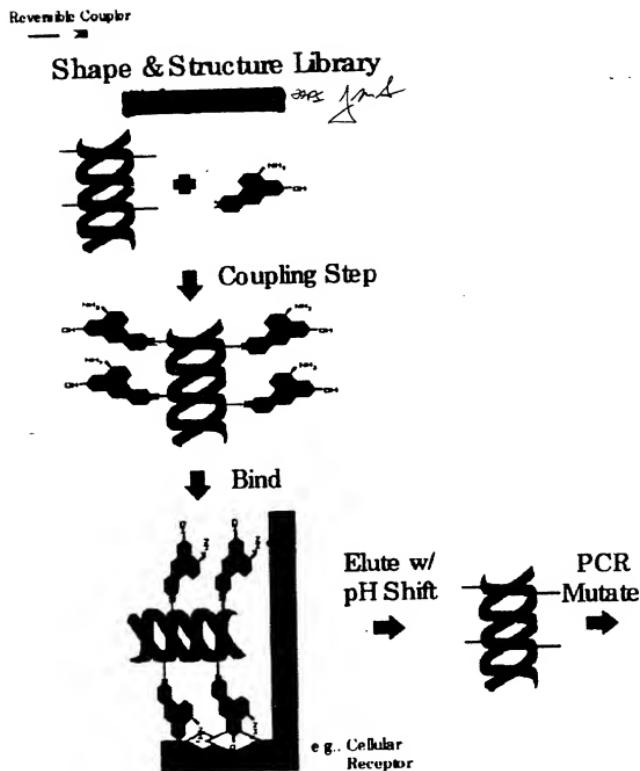


FIG. 3B

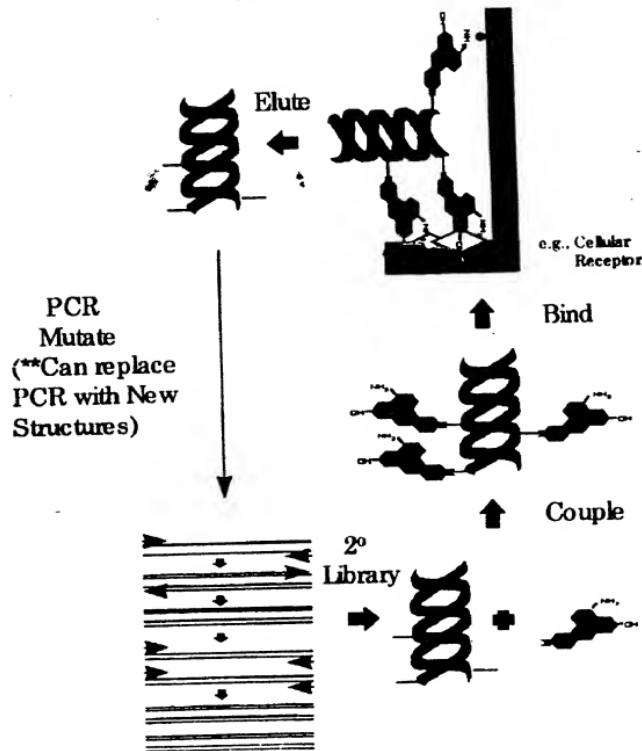


FIG. 4

Candidate biocouinate:  
Phenylboronic Acid

END CHEMISTRY COUPLING TO ATPBH

